

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L12	599	398/195-198.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/21 19:43
L13	41	sanchez-jorge.in. sanchez-jorge-\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/21 19:44
L14	163	398/32.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/21 19:44
L15	1211	372/29.011,29.014,29.015,29.021,31.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/21 19:44
S1	2	"20050249252".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 10:32
S2	1	2005-769356.NRAN.	DERWENT	OR	OFF	2007/04/09 10:45
S3	1	wo-2003067510-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/09 10:46
S4	1	2003-636991.NRAN.	DERWENT	OR	OFF	2007/04/09 10:48
S5	461	398/195-198.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/09 11:17
S9	242639	(monitor or monitoring or secondary or supervisory or pilot or superimpos\$7 or test) near2 (tone\$1 or signal\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/10 16:42
S10	191	S5 and S9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/09 16:14
S11	1128584	(monitor or monitoring or secondary or supervisory or pilot or superimpos\$7 or test or control) near2 (tone\$1 or signal\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/09 11:22
S12	349	S11 and S5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/09 11:23
S13	158	S12 not S10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/09 11:23
S14	2	("4081670"   "4344173").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/09 11:25
S15	15	("4344173").URPN.	USPAT	OR	OFF	2007/04/09 11:26
S16	1059	372/29.011,29.014,29.015,29.021,31.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/09 16:14
S17	30286	(superimpos\$7) near2 (tone\$1 or signal\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/09 16:15
S18	46	S16 and S17	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/09 16:47
S19	2	"5,850,409".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/09 16:48

S20	59713	laser near2 control\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/09 17:16
S21	17850	S20.ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/09 16:49
S22	84	S17 and S21	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/09 16:49
S23	10	("4347610"   "4504976"   "4698817"   "4733398"   "4896325"   "4995045"   "5325382"   "5349598"   "5371755"   "5506853").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/09 16:53
S24	28	("5579328").URPN.	USPAT	OR	OFF	2007/04/09 16:55
S25	11	("4369525"   "4558465"   "4709416"   "4884279"   "5153765"   "5287375"   "5502298"   "5579328"   "5675600"   "5850409"   "5912694").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/09 16:59
S26	54741	(laser with control\$4).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/09 17:17
S27	174387	pilot	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/09 17:22
S28	231	S26 and S27	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/09 17:17
S29	222	S28 not S22	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/09 17:17
S30	25289	pilot adj2 (tone\$1 or signal\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/09 17:22
S31	66	S26 and S30	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/09 17:40
S32	32	sanchez-jorge.in. sanchez-jorge-\$in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/09 17:36
S33	41	(US-20050249252-\$ or US-20050084202-\$ or US- 20040086006-\$ or US-20040052281-\$).did. or (US- 5153765-\$ or US-5046138-\$ or US-4864649-\$ or US- 4680810-\$ or US-4504976-\$ or US-4995100-\$ or US- 4344173-\$ or US-4792956-\$ or US-5526164-\$ or US- 5847856-\$ or US-6271944-\$ or US-6847788-\$ or US- 4827481-\$ or US-4924470-\$ or US-5019769-\$ or US- 5394416-\$ or US-5889802-\$ or US-6839366-\$ or US- 5850409-\$ or US-5579328-\$ or US-4995045-\$ or US- 6643301-\$ or US-6388787-\$ or US-6647040-\$ or US- 7012938-\$ or US-6934310-\$).did. or (US-4385387-\$). did. or (DE-3508034-\$ or EP-141192-\$ or DE-3242481- \$).did. or (JP-07226714-\$ or JP-2004031450-\$ or JP- 60091687-\$ or JP-56060084-\$).did. or (WO- 2005104315-\$ or WO-2003067510-\$ or GB-2247371- \$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/09 17:43
S35	1	("20020003821").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/09 17:41
S36	2	((("20010019436") or ("20020131459"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/04/09 17:44

S37	42	(US-20050249252-\$ or US-20050084202-\$ or US-20040086006-\$ or US-20040052281-\$ or US-20020003821-\$ or US-20020131459-\$ or US-20010019436-\$).did. or (US-5153765-\$ or US-5046138-\$ or US-4864649-\$ or US-4680810-\$ or US-4504976-\$ or US-4995100-\$ or US-4344173-\$ or US-4792956-\$ or US-5526164-\$ or US-5847856-\$ or US-6271944-\$ or US-6847788-\$ or US-4827481-\$ or US-4924470-\$ or US-5019769-\$ or US-5394416-\$ or US-5889802-\$ or US-6839366-\$ or US-5850409-\$ or US-5579328-\$ or US-4995045-\$ or US-6388787-\$ or US-7012938-\$ or US-6934310-\$ or US-4385387-\$).did. or (DE-3508034-\$ or EP-141192-\$ or DE-3242481-\$).did. or (JP-07226714-\$ or JP-2004031450-\$ or JP-60091687-\$ or JP-56060084-\$).did. or (WO-2005104315-\$ or WO-2003067510-\$ or GB-2247371-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/12 09:59
S38	39	(US-20050249252-\$ or US-20050084202-\$ or US-20040086006-\$ or US-20020003821-\$ or US-20020131459-\$ or US-20010019436-\$).did. or (US-5153765-\$ or US-5046138-\$ or US-4864649-\$ or US-4680810-\$ or US-4504976-\$ or US-4995100-\$ or US-4344173-\$ or US-4792956-\$ or US-5526164-\$ or US-5847856-\$ or US-6271944-\$ or US-4827481-\$ or US-4924470-\$ or US-5019769-\$ or US-5394416-\$ or US-5889802-\$ or US-6839366-\$ or US-5850409-\$ or US-5579328-\$ or US-4995045-\$ or US-6388787-\$ or US-7012938-\$ or US-6934310-\$ or US-4385387-\$).did. or (DE-3508034-\$ or EP-141192-\$ or DE-3242481-\$).did. or (JP-07226714-\$ or JP-60091687-\$ or JP-56060084-\$).did. or (WO-2005104315-\$ or WO-2003067510-\$ or GB-2247371-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/09 17:47
S40	39	(US-20050249252-\$ or US-20050084202-\$ or US-20040086006-\$ or US-20020003821-\$ or US-20020131459-\$ or US-20010019436-\$).did. or (US-5153765-\$ or US-5046138-\$ or US-4864649-\$ or US-4680810-\$ or US-4504976-\$ or US-4995100-\$ or US-4344173-\$ or US-4792956-\$ or US-5526164-\$ or US-5847856-\$ or US-6271944-\$ or US-4827481-\$ or US-4924470-\$ or US-5019769-\$ or US-5394416-\$ or US-5889802-\$ or US-6839366-\$ or US-5850409-\$ or US-5579328-\$ or US-4995045-\$ or US-6388787-\$ or US-7012938-\$ or US-6934310-\$ or US-4385387-\$).did. or (DE-3508034-\$ or EP-141192-\$ or DE-3242481-\$).did. or (JP-07226714-\$ or JP-60091687-\$ or JP-56060084-\$).did. or (WO-2005104315-\$ or WO-2003067510-\$ or GB-2247371-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 08:47
S41	176617	saw or sawtooth	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 08:51
S42	2	S40 and S41	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 09:06
S43	4910	peak adj valley	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 09:36
S44	3206	quadrature adj detect\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 09:10
S45	20703	linear adj regression	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 09:08
S46	14936	398/1-214.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 09:09
S47	28710	S43 or S45 or S44	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 09:09

S48	107	pilot same S47	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:27
S49	2	S46 and S48	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 09:09
S50	1	S40 and S47	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 09:10
S51	3	quadrature and S40	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 09:10
S52	25530	S43 or S45	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 09:12
S53	55	pilot same S52	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 09:12
S54	208	peak adj valley adj detect\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 09:37
S55	7	pilot and S54	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 09:39
S56	33166	bias adj current	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 09:39
S57	3111	modulation adj current	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 09:39
S58	934	S56 and S57	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 09:39
S59	15	S40 and S58	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 09:39
S60	2407168	ratio\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 10:32
S61	390798	slope\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 10:36
S62	19984	S60 same S61	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 10:37
S63	6	S40 and S62	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 10:36
S64	21	S40 and S61	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 10:37
S65	11	((("6839366") or ("5889802") or ("5579328") or ("5394416") or ("5850409") or ("4344173") or ("4995045") or ("5526164") or ("20020003821") or ("7012938") or ("5153765"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/04/10 13:13
S66	11	((("5889802") or ("4995045") or ("20020003821") or ("5850409") or ("5153765") or ("4344173") or ("7012938") or ("6839366") or ("5394416") or ("5526164") or ("5579328"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/04/13 14:44

S67	42	(US-20040086006-\$ or US-20020131459-\$ or US-20010019436-\$ or US-20020003821-\$ or US-20050249252-\$ or US-20050084202-\$).did. or (US-5889802-\$ or US-6934310-\$ or US-4924470-\$ or US-6614857-\$ or US-6271944-\$ or US-4385387-\$ or US-4995045-\$ or US-5850409-\$ or US-5847856-\$ or US-4864649-\$ or US-5153765-\$ or US-4344173-\$ or US-7012938-\$ or US-6839366-\$ or US-5394416-\$ or US-4680810-\$ or US-5019769-\$ or US-4504976-\$ or US-6389087-\$ or US-4995100-\$ or US-6388787-\$ or US-4792956-\$ or US-5526164-\$ or US-4827481-\$ or US-5579328-\$ or US-5268916-\$).did. or (US-5046138-\$).did. or (DE-3242481-\$ or DE-3508034-\$ or EP-141192-\$).did. or (JP-56060084-\$ or JP-07226714-\$ or JP-60091687-\$).did. or (GB-2247371-\$ or WO-2005104315-\$ or WO-2003067510-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/13 15:09
S68	42	(US-20010019436-\$ or US-20020003821-\$ or US-20050084202-\$ or US-20020131459-\$ or US-20040086006-\$ or US-20050249252-\$).did. or (US-5394416-\$ or US-5046138-\$ or US-7012938-\$ or US-6388787-\$ or US-4792956-\$ or US-5847856-\$ or US-4924470-\$ or US-5153765-\$ or US-4827481-\$ or US-4864649-\$ or US-4995100-\$ or US-4344173-\$ or US-6934310-\$ or US-4995045-\$ or US-4385387-\$ or US-6271944-\$ or US-6839366-\$ or US-4504976-\$ or US-6614857-\$ or US-4680810-\$ or US-5019769-\$ or US-5850409-\$ or US-5526164-\$ or US-5579328-\$ or US-5889802-\$ or US-6389087-\$).did. or (US-5268916-\$).did. or (DE-3508034-\$ or EP-141192-\$ or DE-3242481-\$).did. or (JP-07226714-\$ or JP-60091687-\$ or JP-56060084-\$).did. or (WO-2003067510-\$ or GB-2247371-\$ or WO-2005104315-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/10 16:41
S69	109	398/162.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/10 16:41
S70	261824	(monitor or monitoring or secondary or supervisory or pilot or superimpos\$7 or test or auxiliary) near2 (tone \$1 or signal\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/10 16:45
S71	29	S69 and S70	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/10 16:45
S72	686943	multipli\$4 or multiply\$4 or multiplication	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/12 09:53
S73	39	(US-20050249252-\$ or US-20050084202-\$ or US-20040086006-\$ or US-20020003821-\$ or US-20020131459-\$ or US-20010019436-\$).did. or (US-5153765-\$ or US-5046138-\$ or US-4864649-\$ or US-4680810-\$ or US-4504976-\$ or US-4995100-\$ or US-4344173-\$ or US-4792956-\$ or US-5526164-\$ or US-5847856-\$ or US-6271944-\$ or US-4827481-\$ or US-4924470-\$ or US-5019769-\$ or US-5394416-\$ or US-5889802-\$ or US-6839366-\$ or US-5850409-\$ or US-5579328-\$ or US-4995045-\$ or US-6388787-\$ or US-7012938-\$ or US-6934310-\$ or US-4385387-\$).did. or (DE-3508034-\$ or EP-141192-\$ or DE-3242481-\$).did. or (JP-07226714-\$ or JP-60091687-\$ or JP-56060084-\$).did. or (WO-2005104315-\$ or WO-2003067510-\$ or GB-2247371-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/12 09:53

S75	42	(US-20040086006-\$ or US-20020131459-\$ or US-20010019436-\$ or US-20020003821-\$ or US-20050249252-\$ or US-20050084202-\$).did. or (US-5889802-\$ or US-6934310-\$ or US-4924470-\$ or US-6614857-\$ or US-6271944-\$ or US-4385387-\$ or US-4995045-\$ or US-5850409-\$ or US-5847856-\$ or US-4864649-\$ or US-5153765-\$ or US-4344173-\$ or US-7012938-\$ or US-6839366-\$ or US-5394416-\$ or US-4680810-\$ or US-5019769-\$ or US-4504976-\$ or US-6389087-\$ or US-4995100-\$ or US-6388787-\$ or US-4792956-\$ or US-5526164-\$ or US-4827481-\$ or US-5579328-\$ or US-5268916-\$).did. or (US-5046138-\$).did. or (DE-3242481-\$ or DE-3508034-\$ or EP-141192-\$).did. or (JP-56060084-\$ or JP-07226714-\$ or JP-60091687-\$).did. or (GB-2247371-\$ or WO-2005104315-\$ or WO-2003067510-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:27
S76	72518	lock\$4 with detect\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:28
S77	2498	regress\$4 with detect\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:31
S78	12316	quadrature with detect\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 11:12
S79	5	S76 and S75	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:28
S80	1	S77 and S75	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:29
S81	1	S78 and S75	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:29
S82	482	398/195-198.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:29
S83	1	S77 and S82	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:29
S84	1076	372/29.011,29.014,29.015,29.021,31.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:30
S85	1	S77 and S84	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:30
S86	0	S78 and S84	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:30
S87	15419	398/1-214.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:30
S88	2	S77 and S87	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:30
S89	7587	regress\$4 same detect\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:32
S90	6	S87 and S89	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:31
S91	72891	regress\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:32

S92	22	S87 and S91	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 13:59
S93	3	S75 and S91	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:38
S94	88350	quadrature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:38
S95	4	S75 and S94	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:39
S96	178219	pilot	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:39
S97	2337	S94 same S96	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:39
S98	13	S87 and S97	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:40
S99	375	S78 same S96	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:40
S100	4	S87 and S99	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:43
S101	134	S78 with test	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:43
S102	51	S78 with (test adj signal\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 11:13
S103	32	sanchez-jorge.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 11:04
S104	2	"20060159142".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:49
S105	1	2005-769356.NRAN.	DERWENT	OR	OFF	2007/07/18 10:50
S106	3	sanchez-jorge-\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 11:05
S107	1	wo-2003067510-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 11:05
S108	1	2003-636991.NRAN.	DERWENT	OR	OFF	2007/07/18 11:05
S109	3260	quadrature adj detect\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 11:12
S110	2	S77 with (test adj signal\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 11:13
S111	7	S91 with (test adj signal\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 11:13
S112	6	S84 and S91	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 11:17

S113	16	S84 and S94	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 11:17
S114	304798	slope	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 13:59
S115	23	S75 and S114	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 14:00
S116	5560	S91 same S114	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 14:00
S117	41406	"372".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 14:00
S118	14	S116 and S117	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 14:00
S119	2	"20060159142".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 09:09
S120	46	ceyx.as. and sanchez.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 09:11
S121	699028	multipli\$4 or multiply\$4 or multiplication	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 09:22
S122	38	(US-20050249252-\$ or US-20050084202-\$ or US-20040086006-\$ or US-20020003821-\$ or US-20020131459-\$ or US-20010019436-\$).did. or (US-5153765-\$ or US-5046138-\$ or US-4864649-\$ or US-4680810-\$ or US-4504976-\$ or US-4995100-\$ or US-4344173-\$ or US-4792956-\$ or US-5526164-\$ or US-5847856-\$ or US-6271944-\$ or US-4827481-\$ or US-4924470-\$ or US-5019769-\$ or US-5394416-\$ or US-5889802-\$ or US-6839366-\$ or US-5850409-\$ or US-5579328-\$ or US-4995045-\$ or US-6388787-\$ or US-7012938-\$ or US-6934310-\$ or US-4385387-\$).did. or (DE-3508034-\$ or EP-141192-\$ or DE-3242481-\$).did. or (JP-07226714-\$ or JP-60091687-\$ or JP-56060084-\$).did. or (WO-2005104315-\$ or WO-2003067510-\$ or GB-2247371-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 09:22
S123	13	S122 and S121	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 09:22
S124	46	(US-20020131459-\$ or US-20010019436-\$ or US-20050249252-\$ or US-20050084202-\$ or US-20040086006-\$ or US-20020003821-\$ or US-20060159142-\$).did. or (US-4504976-\$ or US-5394416-\$ or US-4385387-\$ or US-6388787-\$ or US-6271944-\$ or US-5046138-\$ or US-4827481-\$ or US-5847856-\$ or US-4924470-\$ or US-6839366-\$ or US-4864649-\$ or US-5019769-\$ or US-5850409-\$ or US-4995045-\$ or US-4680810-\$ or US-5579328-\$ or US-4792956-\$ or US-5526164-\$ or US-4995100-\$ or US-7012938-\$ or US-6934310-\$ or US-5153765-\$ or US-5889802-\$ or US-4344173-\$ or US-6614857-\$ or US-6389087-\$).did. or (US-5268916-\$ or US-4994675-\$ or US-5815294-\$ or US-5710653-\$ or US-5812572-\$).did. or (DE-3242481-\$ or DE-3508034-\$ or EP-141192-\$).did. or (JP-07226714-\$ or JP-60091687-\$ or JP-56060084-\$).did. or (WO-2003067510-\$ or GB-2247371-\$ or WO-2005104315-\$ or WO-2003067510-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 11:01
S125	279687	sin or sine or sinusoid\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 11:01



S126	17	S124 and S125	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 11:01
S127	65597	cosin or cosine or cosinusoid\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 11:02
S128	3	S126 and S127	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 11:02
S129	153639	(pilot or test or monitor or monitoring or testing or supplemental or secondary or supervisory) adj2 signal \$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 12:37
S130	22391	S125 same S127	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 12:37
S131	285	S129 same S130	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 12:37
S132	206	S121 and S131	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 12:38
S133	888935	modulat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 12:38
S134	150	S132 and S133	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 12:38
S135	6155	S121 same S125 same S127	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 16:42
S136	1071587	squar\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 16:42
S137	77	S121 same S125 same S127 same S129	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 16:43
S138	51	S136 and S137	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 16:43
S139	10	S136 same S137	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 17:27
S140	728	S136 same S135	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 17:28
S141	115	S129 and S140	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 17:29
S142	103	S141 not S137	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 17:29
S143	163890	cos or cosine or cosinusoid\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 17:37
S144	9292	S121 same S125 same S143	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 17:37
S145	1071	S136 same S144	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 17:37
S146	170	S129 and S145	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 17:37

S147	17	S129 same S145	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 17:37
S148	0	JP-410003627-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 17:40
S149	2	JP-10003627-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 17:40
S150	1	("5949606").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/25 17:41
S151	148	398/32.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 17:52
S152	1	("5526164").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/30 10:26
S153	1	("20060159142").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/30 10:28
S154	1	("4,994,675").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/30 10:52
S155	1	("5,949,606").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/30 11:02
S156	32	sanchez-jorge.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/11/30 13:06
S157	4	sanchez-jorge-\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/11/30 13:06
S158	36	S156 or S157	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/11/30 13:06
S159	745797	multipli\$4 or multiply\$4 or multiplication	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/11/30 13:11
S160	299702	sin or sine or sinusoid\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/11/30 13:12
S161	70384	cosin or cosine or cosinusoid\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/11/30 13:12
S162	6456	S159 same S161 same S160	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/11/30 13:12
S163	1148007	squar\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/11/30 13:12
S164	775	S162 same S163	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/11/30 13:12
S165	1121701	laser\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/11/30 13:12
S166	621808	bias	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/11/30 13:12
S167	78821	S165 and S166	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/11/30 13:13
S168	19	S164 and S167	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/11/30 13:13

S169	746913	multipli\$4 or multiply\$4 or multiplication	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/04 16:41
S170	1086596	sin or sine or sinusoid\$4 or oscillat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/04 16:41
S171	31421	S169 with S170	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/04 16:41
S172	571	398/195-198.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/04 16:41
S173	36	S171 and S172	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/04 16:41
S174	36	sanchez-jorge.in. sanchez-jorge-\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/04 16:42
S175	4445455	multipli\$4 or multiply\$4 or multiplication or mix\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/04 16:46
S176	176983	cos or cosine or cosinusoid\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/04 16:46
S177	300198	sin or sine or sinusoid\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/04 16:47
S178	67521	S176 and S177	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/04 16:47
S179	34	S172 and S178	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/04 16:47
S180	1149769	squar\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/04 16:52
S181	14	S179 and S180	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/04 16:52
S182	1	("5,949,606").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/04 17:03
S183	1802	quadrature adj detection	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/04 17:04
S184	11557	S175 same S176 same S177	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/04 17:04
S185	1264	S180 same S184	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/04 17:04
S186	18	S183 and S185	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/04 17:04
S187	1	("5,889,802").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/04 17:08
S188	1	("20060159142").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/26 15:28
S189	2	((("5526164") or ("5889802"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/05/13 10:48
S190	41	sanchez-jorge.in. sanchez-jorge-\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 09:15

S191	5	noise.clm. and S190	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 09:15
S192	54	(US-20020131459-\$ or US-20010019436-\$ or US-20050249252-\$ or US-20050084202-\$ or US-20040086006-\$ or US-20020003821-\$ or US-20060159142-\$).did. or (US-4504976-\$ or US-5394416-\$ or US-4385387-\$ or US-6388787-\$ or US-6271944-\$ or US-5046138-\$ or US-4827481-\$ or US-5847856-\$ or US-4924470-\$ or US-6839366-\$ or US-4864649-\$ or US-5019769-\$ or US-5850409-\$ or US-4995045-\$ or US-4680810-\$ or US-5579328-\$ or US-4792956-\$ or US-5526164-\$ or US-4995100-\$ or US-7012938-\$ or US-6934310-\$ or US-5153765-\$ or US-5889802-\$ or US-4344173-\$ or US-6614857-\$ or US-6389087-\$).did. or (US-5268916-\$ or US-4994675-\$ or US-5815294-\$ or US-5710653-\$ or US-5812572-\$ or US-5602547-\$ or US-6356555-\$ or US-4654836-\$ or US-4586186-\$ or US-5142421-\$ or US-5949606-\$).did. or (DE-3242481-\$ or DE-3508034-\$ or EP-141192-\$).did. or (JP-07226714-\$ or JP-60091687-\$ or JP-56060084-\$ or JP-10003627-\$).did. or (WO-2003067510-\$ or GB-2247371-\$ or WO-2005104315-\$ or WO-2003067510-\$ or US-6044702-\$).did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 09:26
S193	9	S192 and (transimpedance or tia)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 09:26
S194	2	S192 and (high adj frequency adj response)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 09:27
S195	2	S192 and (linear adj sweep)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 09:36
S196	1214	linear adj sweep	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 09:36
S197	23	("398".clas. or "372".clas.) and S196	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 09:36
S198	3228	linear\$2 near2 (sweep\$4 or swept)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 09:37
S199	65	("398".clas. or "372".clas.) and S198	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/14 09:38
S200	1109	quadrature same lock same (detect\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/18 15:07
S201	70457	"398".clas. or "372".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/18 15:07
S202	20	S200 and S201	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/18 15:07
S203	5033	quadrature adj2 (detect\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/18 15:09
S204	1327041	(monitor or monitoring or secondary or supervisory or pilot or superimpos\$7 or test or control) near2 (tone \$1 or signal\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/18 15:10
S205	462	S203 same S204	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/18 15:10

S206	4	S201 and S205	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/18 15:10
S207	49	S203 and S204 and S201	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/18 15:38
S208	806	insensitive near phase	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/18 15:39
S209	2	S207 and S208	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/18 15:39
S210	7	S203 and S204 and S208	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/18 15:39
S211	3	S203 same S208	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/18 15:41
S212	10325	sensitive near phase	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/18 15:41
S213	76	S203 same S212	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/18 15:42
S214	0	S201 and S213	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/18 15:42
S215	3230	linear\$2 near2 (sweep\$4 or swept)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/18 15:44
S216	326	S215 with detect\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/18 15:44
S217	187	S204 and S216	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/18 16:33
S218	290040	(monitor or monitoring or secondary or supervisory or pilot or superimpos\$7 or test) near2 (tone\$1 or signal \$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/18 17:02
S219	21	S218 and S216	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/05/18 17:02

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